



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Friday, July 28, 2017

Issued: 0800 CT

Day 1 Hazards: Heat advisories are in effect for NE TX and N LA.

Isolated heavy rain/flash flooding possible across NM, TX and OK Panhandles.

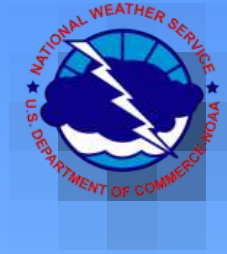
National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Joanne Culin
817-978-1100 x 147**

Key Points



Today

- Heat advisories are in effect for NE TX and N LA.
- Heavy rainfall/isolated flash flooding possible over NM, Panhandles of TX/OK

Saturday

- Heavy rainfall/isolated flash flooding possible eastern LA.

Sunday - Wednesday

- Heavy rain/isolated flash flooding may occur in the TX/OK Panhandles through early next week.

Tropical Weather Outlook

- Cloudiness and showers in the central tropical Atlantic have decreased since yesterday. Environmental conditions have become less favorable for tropical cyclone formation while the system moves slowly westward for the next several days.

*FEMA Region 6 Threat Matrix

Jul 28, 2017 - Aug 1, 2017

	FRI	SAT	SUN	MON	TUE
Severe Weather					
Heavy Rain / Flash Flooding	NM, TX/OK Panhandles	Eastern LA	TX and OK Panhandles	TX and OK Panhandles	NM, OK and TX Panhandles
Heat	NE TX/N LA				
River Flooding					
Tropical Weather					

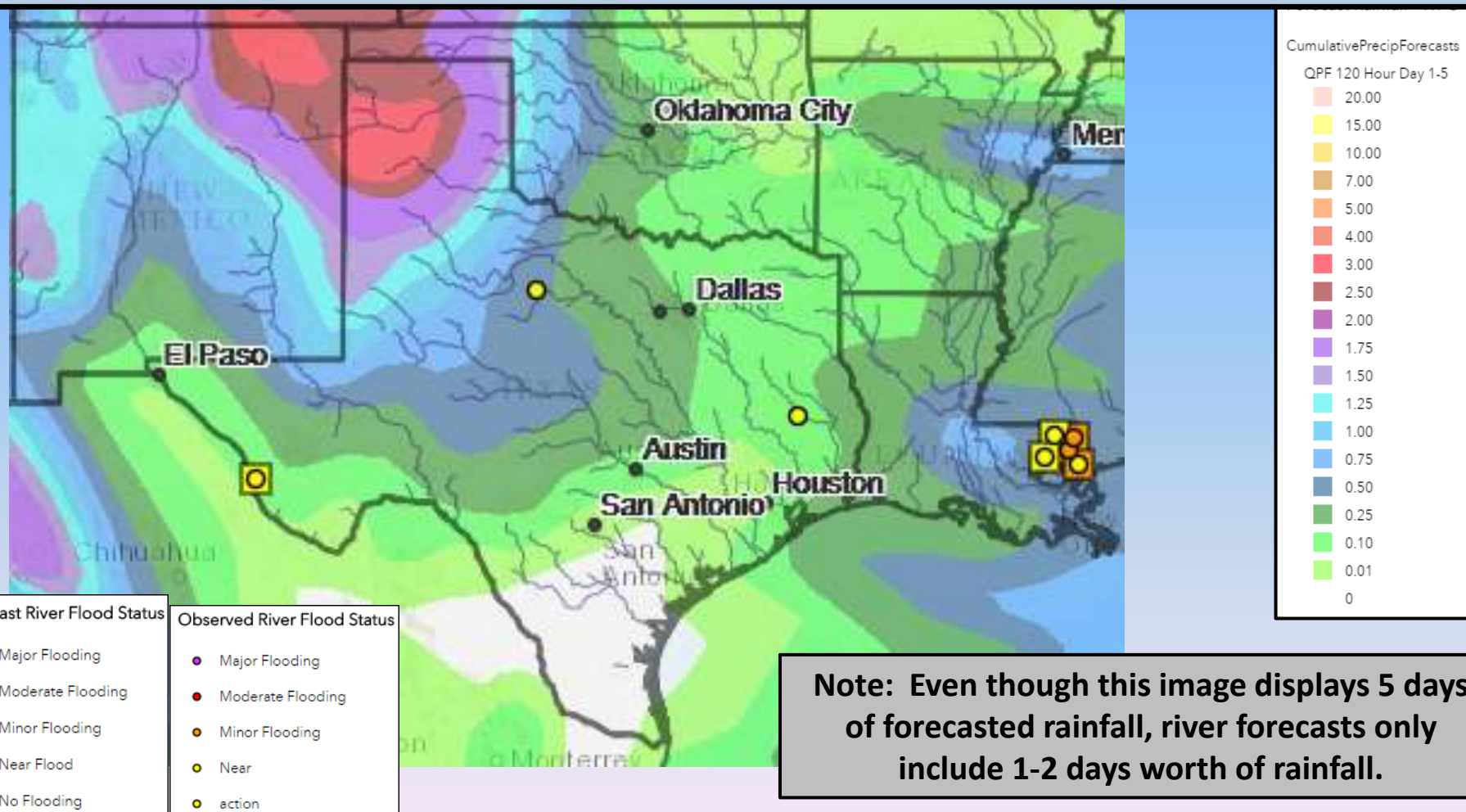
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.



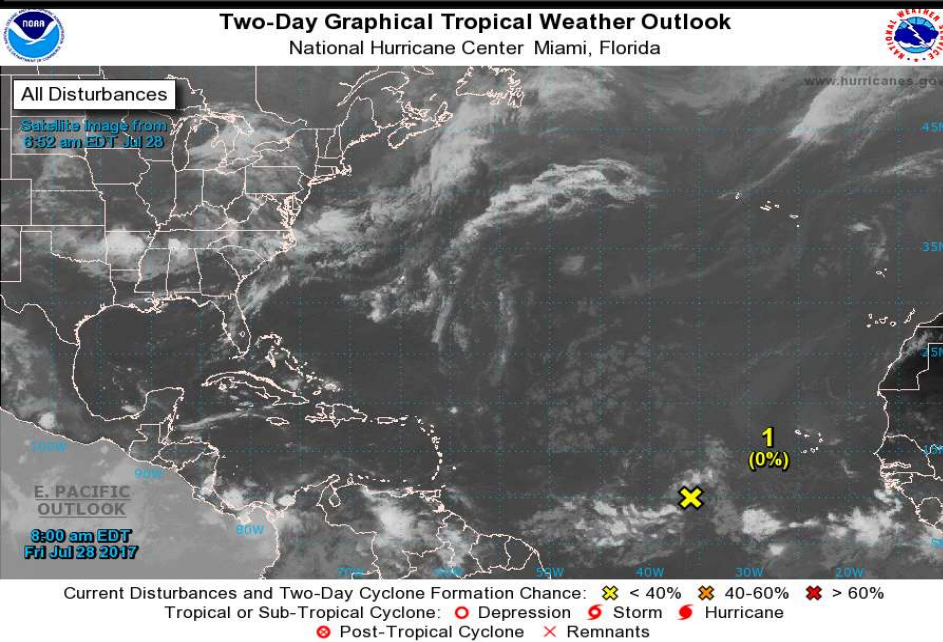
5-Day Precipitation Forecast & River Flood Status

Monsoonal rainfall over NM may cause sharp rises on small streams, but mainstem river flooding is not expected; Minor to moderate river flooding continues in SE LA from recent rains.



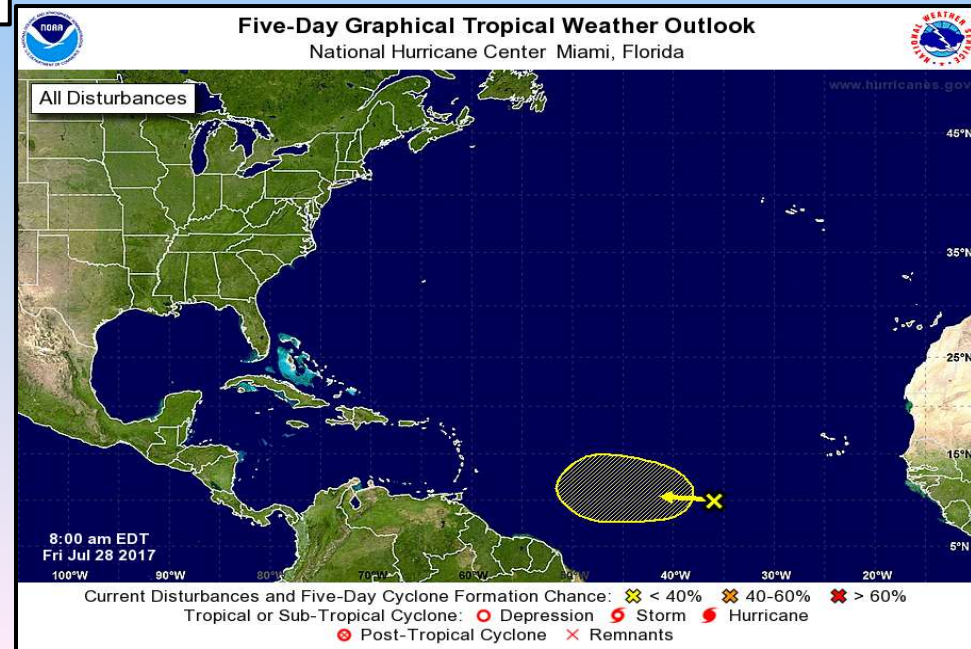
For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook

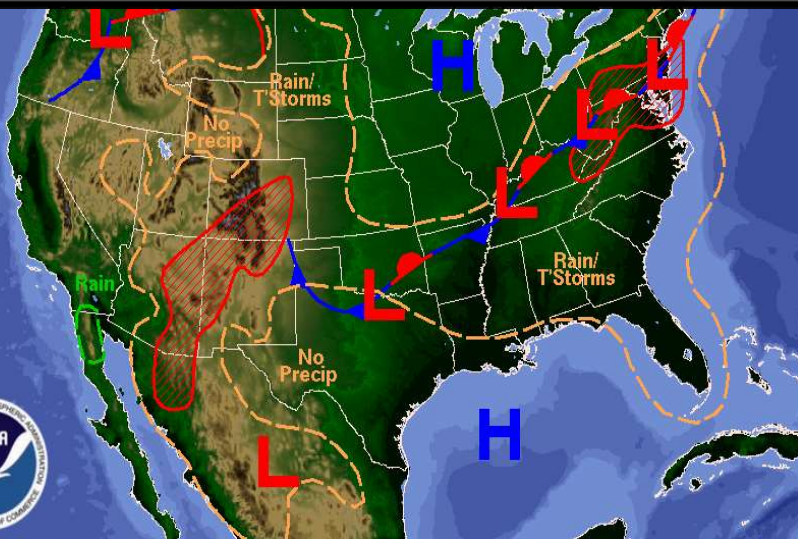


Cloudiness and showers in the central tropical Atlantic have decreased since yesterday. Environmental conditions have become less favorable for tropical cyclone formation while the system moves slowly westward for the next several days.

Formation chance through 48 hours...low...near 0%.
Formation chance through 5 days...low...20%.



Today's Weather



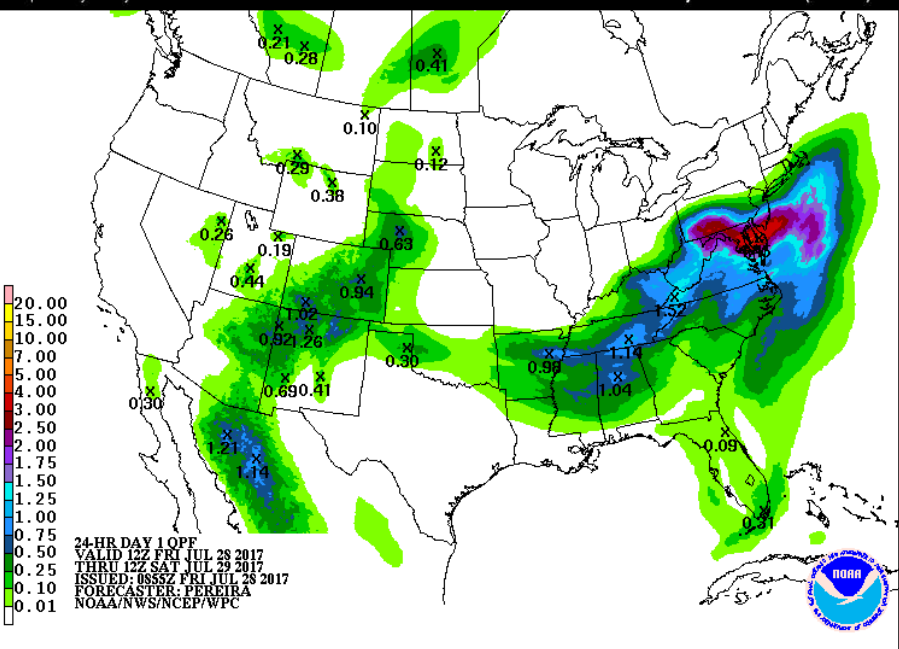
Day 1 National Forecast Chart

Valid Fri, Jul 28, 2017, issued 4:38 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Moreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)

Hot temperatures continue across NE TX and N LA.

Isolated heavy rain/localized flash flooding possible over NM, TX/OK Panhandles.



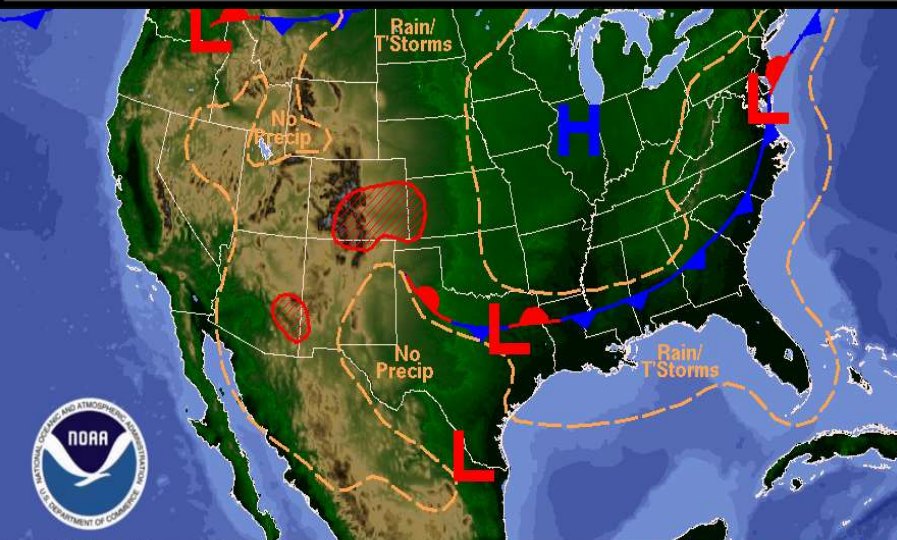
24-HR DAY 1 O/PF
 VALID 12Z FRI JUL 28 2017
 THRU 12Z SAT JUL 29 2017
 ISSUED: 0655Z FRI JUL 28 2017
 FORECASTER: PEREIRA
 NOAA/NWS/NCEP/WPC



National Weather Service
 Storm Prediction Center
<http://www.spc.noaa.gov>

5 High
 4 Moderate
 3 Enhanced
 2 Slight
 1 Marginal
 Thunder

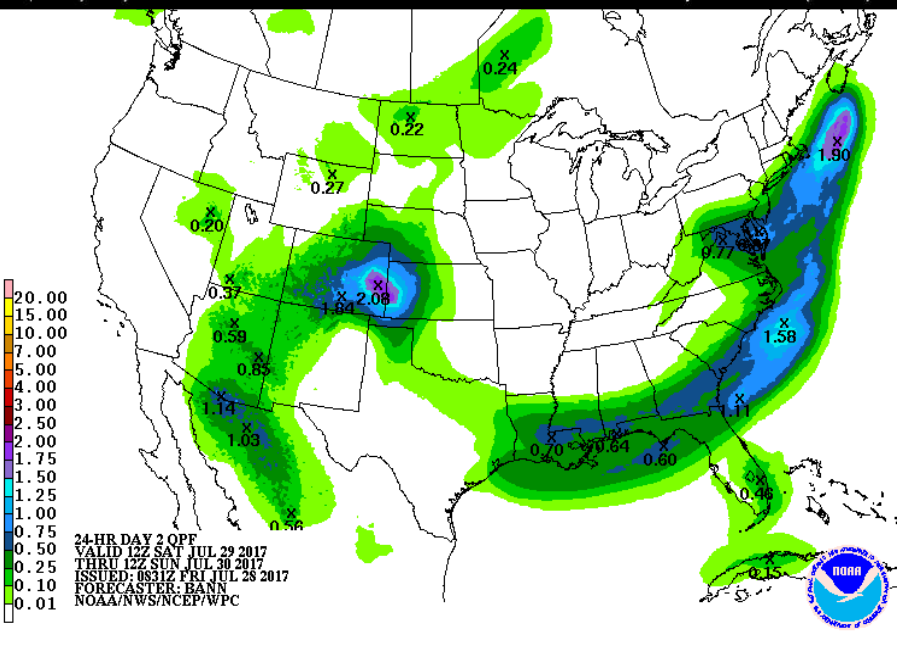
Tomorrow's Weather



Day 2 National Forecast Chart

Valid Sat, Jul 29, 2017, issued 4:49 AM EDT Fri, Jul 28, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)

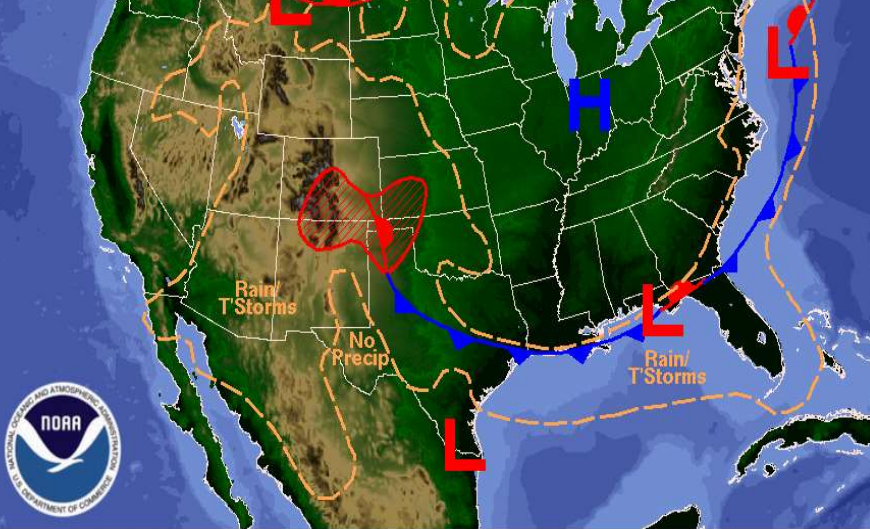


24-HR DAY 2 QPF
 VALID 12Z SAT JUL 29 2017
 THRU 12Z SUN JUL 30 2017
 ISSUED: 0831Z FRI JUL 28 2017
 FORECASTER: BANN
 NOAA/NWS/NCEP/WPC

Heavy rain/localized flooding may be possible in eastern LA.



Sunday's Weather

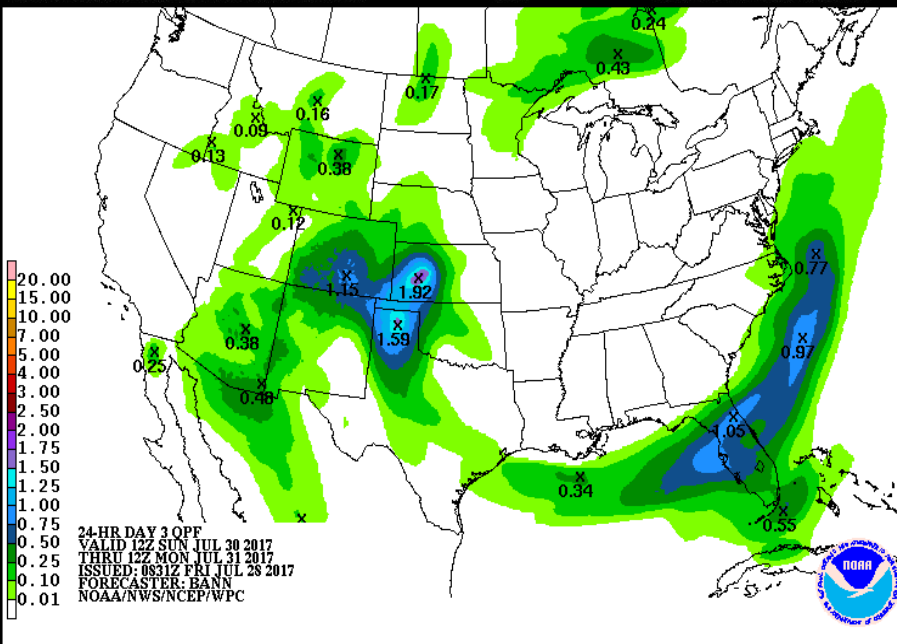


Day 3 National Forecast Chart

Valid Sun, Jul 30, 2017, issued 4:52 AM EDT Fri, Jul 28, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)

Heavy rain/isolated flash flooding possible in the TX and OK Panhandles.



24-HR DAY 3 QPF
 VALID 12Z SUN JUL 30 2017
 THRU 12Z MON JUL 31 2017
 ISSUED: 0831Z FRI JUL 28 2017
 FORECASTER: BANN
 NOAA/NWS/NCEP/WPC

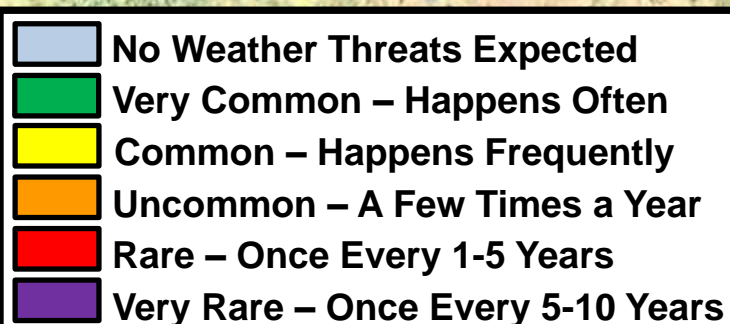


Day 4-5 Weather Hazards

Valid: 0800 Mon - 0800 Wed



Heavy rain
may lead to
flash
flooding
early in the
week.

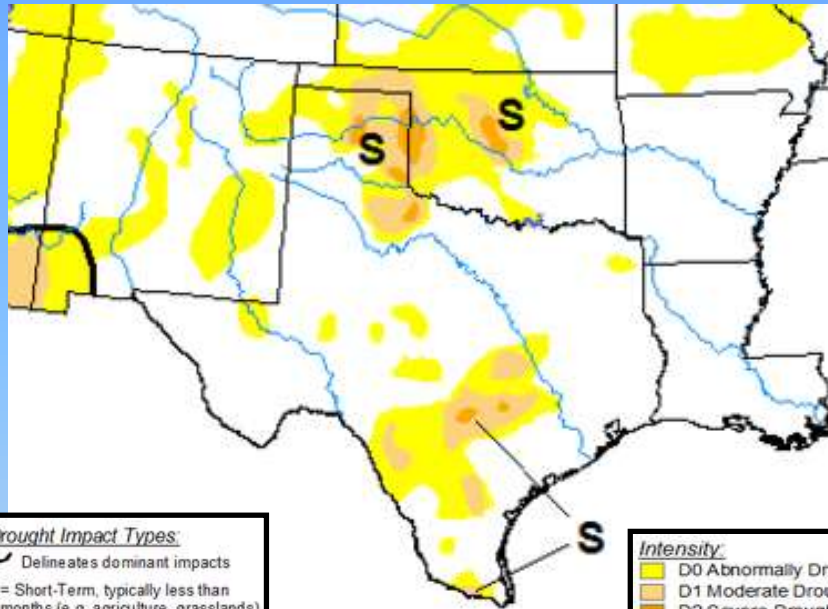


*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



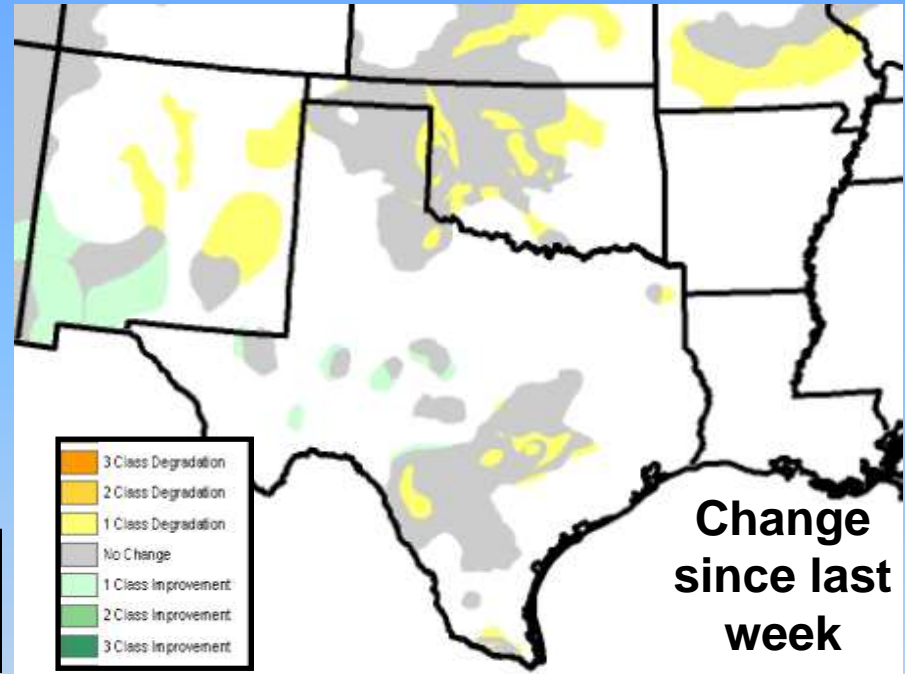
Drought Monitor Released July 27, 2017

Data valid as of 7am CDT, Tuesday, July 25, 2017



Drought Impact Types:
 ~ Delineates dominant impacts
 S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
 L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

Intensity:
 D0 Abnormally Dry
 D1 Moderate Drought
 D2 Severe Drought
 D3 Extreme Drought
 D4 Exceptional Drought



**Change
since last
week**

Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

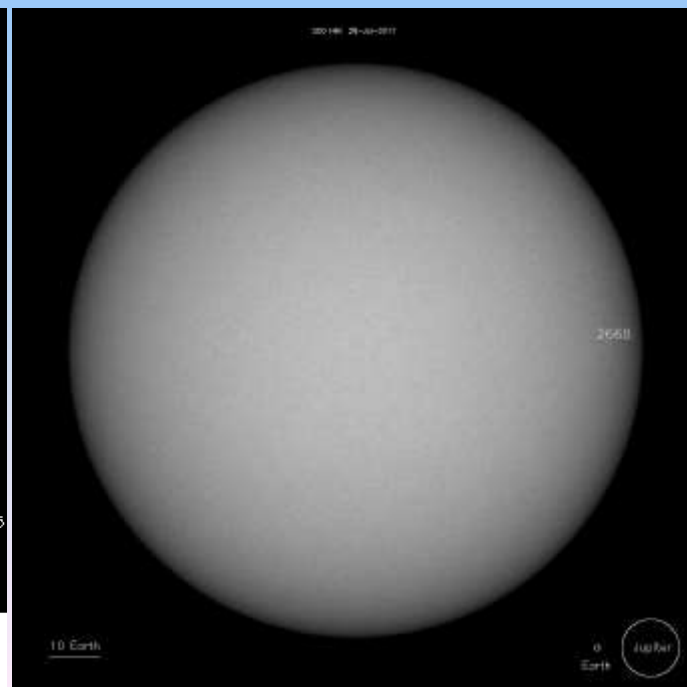
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background
Product Valid At : 2017-07-28 12:16 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms